

**WASHINGTON STATE DEPARTMENT OF HEALTH  
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

**ANNUAL GROWING AREA REVIEW**

**PREPARED BY:** Donald J. Melvin Environmental Specialist

**AREA:** Hood Canal #9

**YEAR ENDING:** December 31, 2005

**CLASSIFICATION:** Approved, Prohibited

**ACTIVITIES IN THE GROWING AREA IN 2005:**

Hood Canal #9 was sampled 12 times during 2005 in accordance with the NSSP systematic random sampling criteria. Pollution source identification and correction work is on-going in the area. An initial order upgrading a portion of the Belfair State Park tidelands from Prohibited to Approved has been issued. The upgrade will become final in 2006.

**ANALYTICAL RESULTS OF WATER SAMPLES:**

An analysis of the most recent 30 samples collected from each of the sampling stations within the area is presented in Table #1.

**CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:**

We currently have no information indicating that the area has new sources of pollution.

**CLASSIFICATION STATUS:**

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

**REMARKS AND RECOMMENDATIONS:**

All stations in the "approved" portion of Hood canal #9 meet the NSSP standard for an "approved" classification. Continue to assist Mason County in their pollution source identification work. Stimson and Little Mission creeks and portions of the marine waters in Hood Canal #9 are on the 303D list for fecal coliform.

# TABLE 1

## SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **HOOD CANAL #9**

Classification: **Approved,Prohibited,Unclassified**

From **10/24/2001** To **12/13/2005**

**FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
269	Approved	31	1.7 - 11.0	2.5	5.0	Yes
270	Approved	30	1.7 - 49.0	2.7	9.0	Yes
271	Approved	31	1.7 - 23.0	2.8	7.0	Yes
272	Approved	31	1.7 - 33.0	2.7	8.0	Yes
273	Approved	31	1.7 - 49.0	2.6	7.0	Yes
274	Approved	31	1.7 - 33.0	2.3	5.0	Yes
275	Approved	31	1.7 - 22.0	2.5	6.0	Yes
276	Approved	31	1.7 - 49.0	2.9	10.0	Yes
277	Approved	31	1.7 - 130.0	3.2	13.0	Yes
278	Approved	31	1.7 - 23.0	3.0	8.0	Yes
279	Approved	31	1.7 - 130.0	3.3	12.0	Yes
280	Approved	31	1.7 - 49.0	3.1	11.0	Yes
282	Approved	31	1.7 - 17.0	2.3	4.0	Yes
286	Approved	31	1.7 - 33.0	2.5	6.0	Yes
287	Approved	31	1.7 - 46.0	3.6	13.0	Yes
268	Prohibited	31	1.7 - 920.0	8.1	51.0	No
281	Prohibited	30	1.7 - 33.0	3.9	13.0	Yes
283	Prohibited	31	1.7 - 350.0	13.5	145.0	No
284	Prohibited	31	1.7 - 46.0	4.7	17.0	Yes
301	Unclassified	22	1.7 - 49.0	5.1	20.0	*N/A
302	Unclassified	22	1.7 - 49.0	4.7	17.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

\* N/A - SRS criteria require a minimum of 30 samples from each station. \*



# HOOD CANAL #9

## CLASSIFICATION BOUNDARIES AND STATION LOCATIONS

